

6-10920



MARCH SUPERVISORY CONFERENCES stressed the importance of proper supervision as far as safety is concerned. Opening one of the sessions is Y-12 Plant Superintendent Robert G. Jordan. The "Key Man" theme was used throughout the series, to implement the statement Howard S. Bunn, vice chairman of the board of directors of Union Carbide, who has stated, "People are our most important asset . . . their safety our greatest responsibility."

Awards Distribution Set March 27, 28

28th Such Award Given In Y-12 Plant

Safety awards will be distributed next week for the 28th period which ended for Y-12ers November 8. Distribution hours will be as follows:

Tuesday, March 27—2 to 5 p.m.
Wednesday, March 28 — 6:30 to 8 a.m., 2 to 5 p.m.

Selections included the following: wall can opener; framing square; hammer, ice bucket; laundry basket; meat thermometer; pipe wrench; pliers; pocket knife; Pyrex refrigerator and oven set; scissors; tackle box; pint thermos with wide mouth; and a Zippo cigarette lighter.

The awards will be distributed at East, North, Central, West and Bear Creek Portals. These individual awards are for the period from September 6, to November 8, 1961, encompassing 64 days, an accumulation of 2,350,989 man-hours worked without a disabling injury.

Announcement is expected soon for selections in the 29th such period that Y-12 has worked without a lost-time accident. This period covers 69 days, or approximately 2,360,000 man-hours.

No distribution will be made for Oak Ridge National Laboratory employees at the Biology Portal. Awards for ORNL employees working in Building 9207 will be available through Virginia White's office on Wednesday, March 28.

Men Talk Louder Than Women On Phones . . . But

Now here's some real news! A Bell Telephone Lab survey of 10 United States cities shows that men do the louder talking on the telephone, but that women make most of the social calls.



DURING THE SAFETY MEETINGS all through March, groups were divided into sections to provide questions and answer periods. Seven questions were distributed to the groups, and each group reported back to the floor with answers. Two films along the "Key Man" theme were also shown in these interesting meetings.

Norwegian Accidents Jumped 100% On Isle

Traffic accidents on the island of Bjarkoey, Norway, rose sharply in 1961 to an unprecedented rate equal to 5,000 accidents per 10,000 registered vehicles.

The Arctic island has an area of five square miles, a population of 730, one road, one truck, and one station wagon, the island's only taxi. The truck and the taxi collided at a bend in the road.

Expensive Paper Rests In Bulletin's Archives

Head-lines in the Knoxville Journal read "Power of Oak Ridge Atomic Bomb Hits Japs." The price of the paper is marked at five cents. Old-timers around the plant tell that they did not sell for a nickel then. It was Monday, August 6, 1945. Papers were sold at East Portal for one dollar a copy! A copy of this paper remains in the historical files in The Bulletin's office.

Union Carbide's 1962 New Plant Outlay Expected At 1961 Level

\$167 Million Spent Past Year For New Facilities; 66% For Chemicals, Plastics

Union Carbide Corporation spent \$167,000,000 for new facilities in 1961 and expects its construction expenditures this year to be approximately the same. This information is contained in the annual report to stockholders just mailed. In 1960, Carbide expenditures reached a peak of \$219,000,000.

About 66 per cent of the total spent in 1961 was for new facilities for the production of chemicals and plastics. A substantial amount (about 25 per cent) was also spent on building new plants for producing oxygen and other industrial gases.

Eighth Major Chemicals Plant Completed

Among the building projects completed during the year was a new chemicals plant at Brownsville, Texas, which went on stream in August. This is Carbide's eighth major chemicals plant, and it is producing several important chemicals required to meet the demands of the rapidly growing surface-coatings, pharmaceutical, and textile markets. New plastics facilities under construction in 1961 included additional units for the production of polyethylene resins at Seadrift, Texas, which were completed during the year; and units for producing two new types of polypropylene film at Wayne, N. J., scheduled for completion the middle of this year.

A total of ten new on-site oxygen plants were completed by Union Carbide in 1961, providing new capacity of 2,000 tons of oxygen a day. The corporation also started construction of a liquid hydrogen plant at Ontario, Calif., and a liquid helium plant at Soncy, Texas.

Another important building project completed in 1961 was an expansion of the corporation's plant at Lawrenceburg, Tenn. The additional facilities were required to meet increasing defense requirements for a special high-density graphite that Carbide announced last year.

Overseas Construction Expenditures

Expansion of Carbide's overseas activities was continued in 1961. These activities include the operations of over 30 associated manufacturing companies and also extensive mining operations.

Companies affiliated with Carbide spent \$48,000,000 on new construction in 1961, compared with about \$32,000,000 in 1960. Among the building projects that these associated companies completed during the year were new chemicals plants in India and Italy; plastics plants in Australia, Belgium, and India; and battery plants in Malaya and Venezuela.

Other Highlights Of 1961 Operations

More than 30 new chemical products were introduced by Union Carbide in 1961 to meet the needs of the country's fast-growing industries. By the end of the year, 18 of these had attained commercial status. Among these chemicals were several for use in making household detergents, foam for furniture and building construction, pharmaceuticals, textiles, and aerosol propellants.

In the plastics field, polyethylene resumed its strong growth trend in 1961, and polypropylene resins and compounds were marketed by Union Carbide for the first time. Also, as part of a move to broaden product lines, the corporation has started selling more semi-finished and fabricated plastic products. Among them are products for packaging uses, such as plastic bottles for detergents and plastic beverage cases.

Another development mentioned in the annual report was the increased demand for graphite pieces of extremely large size for both industrial and military uses. This year, Union Carbide expects to be producing graphite shapes up to 16 feet in diameter and weighing as much as 30 tons.

The first commercial quantities of liquid helium and liquid neon were produced for extremely low-temperature applications, such as cooling infrared detection cells and computer components. Another key development in the industrial gas field was the successful marketing of Union Carbide's Polarstream system, in which liquid nitrogen is used for the refrigerated transport of frozen and perishable food. In the metals field, greater emphasis was placed on refractory metals—such as columbium, tantalum, and tungsten—to meet the growing demand for materials with high strength at ever-increasing temperatures for use in the chemical, nuclear, and space-age industries.

Space And Missile Program Increases

In 1961, there was increased participation by nearly all divisions of Carbide in the nation's missile and space programs. In fact, Union Carbide is participating in a number of research and development programs sponsored by the Federal Government. These range from investigation of materials for space exploration to study of the long-term preservation of human blood. For example, the corporation has been supplying special types of graphite for use in exit cones, leading edges, and other critical components for missiles. Also, use of the corporation's cryogenic (low temperature) products—such as liquid nitrogen and hydrogen—for missile and space development work grew rapidly during the last half of the year.

The corporation's expenditures for research and development in 1961 were \$80,000,000, as compared with \$81,000,000 for the previous year. These expenditures do not include the research done under government contracts, market research, the expense of factory control laboratories, patent expenditures, or capital expenditures for research facilities.

Earnings In 1962

As previously reported, Union Carbide's total sales in 1961 were \$1,563,385,000. This compared with sales of \$1,548,168,000 in 1960. The chemicals group accounted for approximately 34 per cent of

Continued on Page 4

The Bulletin

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Y-12 Employees Of
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NUCLEAR COMPANY
Division of



UNION CARBIDE CORPORATION

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Emily Howell Feted With Farewell Party



Mrs. Emily Howell

A surprise party was held Saturday, March 10, honoring Mrs. Emily Howell, who leaves at the end of this month to await the arrival of Sir Stork. The party was held at Helen Claffey's home on Deane Hill Drive, Knoxville.

Friends and co-workers gathering to honor Emily include Ernestine Elam, Alice Boxley, Mary LeCroy, Betty Whitehorn, Cleo Sideris, Carol Trent, Mary Stinnett, Theira Flood, the honoree's mother, Mrs. Joe Neal, and mother-in-law, Mrs. Ethel Howell. Emily received several beautiful gifts and takes with her the very best wishes of her friends in Y-12.

Badge Exchange Set For April 1

Employees who have changed portals since January 1, have until next Wednesday, March 28, to file a change of portal card with the Badge and Pass Office. The new exchange of badges will take place April 1, 1962.

The yellow bordered badges will make their re-entrance to the plant in the quarterly swap. The present blue bordered badge will not be honored at the gates after 11 p.m., April 10.

A "change of location" card is located at the badge racks at each portal. Employees who have transferred in the plant should fill one out and drop it in the plant mails. If he fails to do this his new badge will be found at his former portal-of-entrance.

Security is based largely upon the loyalty each employee has for his country.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
10 Days Or
280,000 Man-Hours
(Unofficial Estimate)
Without A Disabling
Injury
Through March 18
Phone 7755
For Daily Report
On Accident-Free Hours



With the forsythia in profuse bloom all around the plant, with the odor of wild onions prevalent in the air, surely, surely Spring has at last come. Any day now many of us will fall victim to the drowsy feeling that only comes with spring fever.

Before it strikes, let's see what gives in various sections of Y-12, first in . . .

MAINTENANCE

First off, Research Services welcomes Ann Hill into their midst. She transferred in recently . . . Sympathy is extended to M. Settle whose mother died in Paducah, Ky., last week . . . Bill (Davy Crockett) Mason is going on another wild boar hunt. Get ready for the barbecue, boys . . . Get well wishes are sent to E. R. Pollard's wife and R. P. Schultz's wife, both ill in the hospital . . . Keith Martin vacationed in Key West, Fla. What a spot! . . . O. A. Cooper vacationed to finish work on his new house . . . Get well wishes are sent C. H. Wade, ill in the hospital . . . J. R. Helton spent a few days recently in Chicago visiting his daughter . . . Get well wishes are sent R. L. Vanderpool's father who is ill in the hospital.

Electrical says rock-a-bye baby is a familiar tune at the D. C. Martin home these days. Deborah Sue Martin joined the forces February 24, weighing in at six pounds, seven ounces. It's heard that her two big brothers think she's the finest thing yet! . . .

Jim Rochelle will be leaving soon to return to classes at ole UT. Good luck, boy . . . Sympathy is extended to the L. G. Spence family on the death of his father. . . . Get well wishes go to R. H. Freeman, Presbyterian Hospital; Tommy Curtis, son of A. G. Curtis, who is a patient at Baptist Hospital; W. C. Arnold, H. L. Buckner, Bill Cobb, and N. L. Derryberry, all ill at home . . . Jan Bibee is vacationing at home just working in his shop . . . Electrical also pipes in news of a new baby . . . born to Bill Danton and his wife at 5 a.m., March 16, seven pounds, one ounce, a girl. Their first child, the youngster had not been named at presstime.



Terry and Lowell

Down in Process Maintenance, J. H. Burrow has reason to be proud of his two grandchildren, as shown in this picture. They are Terry Lynn Scrimsher and Lowell Maples, the finest things yet according to grandpop!

A small boy was bored on a long auto trip. Suddenly, he turned to his father and said: "I wish you'd let Mom drive — it's more exciting!"

INDUSTRIAL RELATIONS

The Fire and Guard Department is welcoming back P. C. Goins after a siege with a fractured leg . . . Get well wishes to K. G. Edgemon in the Sweetwater Hospital . . . W. E. "Little Red" Huneycutt's daughter, Louise, is a mighty sick girl in

LaFollette Hospital, and best wishes are sent to her by all . . . Dusted off and rolled out last week was the old red carpet welcoming in the following folks: J. E. Llewellyn, B. R. Scott, and R. J. West.

MECHANICAL OPERATIONS



Michelle Lisa Jessee

Steve Pintur, Machine Maintenance, was caught recently showing this picture around, his little granddaughter, born February 21, 1962. Her name is Michelle Lisa Jessee and her parents are Pat and Bernard Jessee. She weighed six pounds, 15 ounces at birth. Gramps is still talking about how pretty she is. We believe him!

Production Control is doing alright in the reproduction business also. Latest arrival beamed in is a bouncing boy, born to Lucy and Phil Parker, named Tracy Scott . . . Tracy was born in Oak Ridge, March 10, 1962.

The Alloy Shop reports a baby also. Clifford Thompson announces the arrival of a girl. He gave out cigars all over the place. Little Tamara Ann was born on March 11 at 1:07 a.m. She tipped the scales at seven pounds, nine ounces . . . J. R. Collins received his notice that he was needed by his Uncle Sam. He reports March 24, 1962. We hate to see him go, but we know the ole uncle is getting a mighty fine man.

Special Mechanical Production extends sympathy to Gene Ware. His 91-year-old grandmother, Mrs. A. W. Emerson, died recently in Kannapolis, N. C. . . . Bob Williams' father is recuperating after an auto mishap and best wishes are sent to him in St. Mary's Hospital.

The General Machine Shop welcomes in R. E. McCormick, a new employee who hails from over North Carolina-way . . . Sympathy is extended to C. C. Chamberlain and his family in the death of his brother in Knoxville recently.

You can best judge the condition of a man by whether he takes the stairs two at a time—or his pills.

A well-known Y-12er once took his brood of children to New York, in an automobile. He laughingly (?) reports that they started asking if they were there yet shortly after passing the Elza underpass. Like the child, as far as Spring is concerned, we want to know: "ARE WE THERE YET?"

SHIFT SUPERINTENDENTS AND UTILITIES

Gardening and fishing around home this week is J. S. Wilson. . . . H. L. Cox vacationed around Nashville and attended the big Eastern Star Meeting there with

Y-12er's Daughter Accepts Girl Scout Awards As Organization Celebrates Golden Birthday

Last week was Girl Scout Week in America. Honoring the organization on its 50th birthday, Swan's Sunbeam Bakery has presented each of the 16 National Senior Girl Scout Roundup patrol members of the Highland Rim Girl Scout Council a check for \$25. This gift is to be used to purchase the needed uniforms for this national event to be held in Vermont in July, 1962.

Area recipients of this gift are Joanne Bridges, Pattie Corbin, Diane Davis, Anne Argen, Martha Ketelle, and Becky O'Connor, all of Oak Ridge; Karen Henson, Kingston; and Janet Tredinnick, Norris. Other recipients of the gift are from Cookeville and LaFollette.

Chosen In Competition

These Girl Scouts were chosen through a stiff competitive selection program as outstanding Scouts qualified to represent the Highland Rim Council's 14 East Tennessee counties at the Roundup. Attendance is limited to 8,500 girls and 1,500 adults representing all 50 states, and several foreign countries. These patrols were selected in the fall of 1961 and are currently involved in the rigorous training program.

Emily Duke, daughter of Maxine E. Duke, Y-12's Chemical Department, accepted the awards for the council, substituting for the council president, Mrs. William L. Crumley.

Will Attend Roundup

Miss Duke will also be attending the Roundup as a staff member on the Public Relations Staff, aiding the girl correspondents from the Roundup.

Almost 3,500,000 members of the Girl Scouts celebrated the organization's birthday, March 12. It was in Savannah, Ga., that Mrs. Juliette Low gathered the first girls together to organize the Girl Scouts.

For half a century communities across the nation have been grateful for the influence of Scouting on their young people and for the many service projects carried out by individual councils.

his wife . . . New pop down thisaway is I. L. Hill, a boy born in Oak Ridge—weighing seven pounds, three ounces, no name yet . . . A. H. Norman attended the basketball tournament in Nashville; didn't say who he was going to yell for . . . R. E. Ballew is on the sick and ailing list, and best wishes are sent his way.

From the time a baby tries to get his toes in his mouth, life is a continual struggle to make both ends meet.

FINANCE AND MATERIALS

The youngest grandpop in Y-12 got a surprise on his 35th birthday last week. On March 16, E. A. Pluhar, F&M Administration, became grandpop number four on his actual birthday. Little Amelia Bernadette Pluhar arrived at Oak Ridge Hospital, weighing seven pounds. Her pops is also a Y-12er, Kenneth Pluhar, Tool Engineering. Congratulations to both Pluhars, especially the elder. He doesn't even look 35, he looks 75!

If you've given up trying to get something open, tell a four-year-old not to touch it.

ENGINEERING

Process Engineering didn't want to be outdone by every other department in the plant! Bob Orrison announces the birth of his fourth boy, March 3, 1962, in Oak Ridge . . . The Orrisons have a girl also. The latest addition is James Mason, born in Oak Ridge, weighing nine pounds four and one-half ounces.

CONSIDER THE ANT

Highly organized human societies did not appear on earth until 1,000 years ago. A recent authority on the ant reported that these small creatures were organized in active societies some 50,000,000 years ago.



HONORING THE Golden Anniversary of the Girl Scouts, the Swan's Sunbeam Bakery has presented each of the 16 National Senior Girl Scout Roundup patrol members of the Highland Rim Girl Scout Council a check for \$25. Above are bakery officials Eldon Summar, Emily L. Duke, daughter of Y-12's Mrs. Maxine Duke; R. Neal Timberlake, and Gurnell Sexton. Mrs. Duke is in the Chemical Department.

Hollaender Named To US-Japan Group

Alexander Hollaender, director of the Biology Division of Oak Ridge National Laboratory, has been appointed a panel member for the United States delegation to the United States-Japan Committee on Scientific Cooperation.

Formed as a result of an agreement between President John F. Kennedy and Prime Minister Ikeda of Japan in June, 1961, the Committee is intended to promote better understanding and cooperation between the U. S. and Japan by closer collaboration in economic, cultural, and scientific fields.

Hollaender, eminently known throughout the world for his work in radiation biology, is serving as a member of the Cancer Research Panel, chaired by Kenneth Endicott, National Institutes of Health.

Y-12ers Celebrating 15, 10 Year Anniversaries

Congratulations to the following Y-12ers who will observe 10-year anniversaries with Carbide within the next few days. No employees were shown in the 15-year category.

10 YEARS

James K. McCollum, Product Processing, March 21.
Ernest T. Ely, Jr., Process Maintenance, March 21.
Condon C. Williams, Product Processing, March 24.

AEC Accepting Bids For Reactor School

Applications for the International Program in Advanced Reactor Technology, offered annually to foreign students by the reactor school of the Oak Ridge National Laboratory are now being accepted by the United States Atomic Energy Commission.

The deadline for submitting applications is June 15. Classes for both of the 12-month programs in Reactor Operations Supervision and in Reactor Hazards Evaluation open September 24.

Applicants must possess a bachelor's degree in chemistry, physics, metallurgy, mathematics, engineering physics, or in aeronautical, chemical, civil, electrical, mechanical, metallurgical, general or nuclear engineering.

Applicants from other countries apply through their embassies or legations to the Department of State, Washington, D. C.



SOME RECENT LARGEMOUTH bass that turned up in Tennessee waters are seen. Above is R. B. Smith with his fine catch found at Loudon. In the lower photo is J. E. Thompson with his catch also pulled out at Loudon. Recreation is now taking entries in the Spring Fishing Contest. Pictures are not required with these entries.

Guttersnipes Win Three At Kingston

Keep Steady 2nd Place In League

Y-12's Guttersnipes, in the Kingston League for Carbide Bowlers, racked up three points last week against the Alley Cads, an ORGDP team in the league. Loy Domer, Rookies, took top score honors with 230, 253, 594, and 663 scores. High team honors went to the Alley Cads, with a handicap game score of 1048, and to the Head Pins with 2928 handicap series.

The Guttersnipes now rest only three points away from the first place in league action. Other games saw the league-leading Rookies take three from the Sparemen and the Head Pins win three from the Could B's.

League standings follow:

Team	W	L
Rookies	26	14
Guttersnipes (Y-12)	23	17
Head Pins	22	18
Alley Cads	21	19
Could B's	17	23
Sparemen	10	30

Bow & Arrow League Sets April Start

Future Robin Hoods and Friar Tucks are advised that the Carbide Archery League will begin "the slings and arrows" Monday, April 30. Firing will take place at 5 p.m. each Monday thereafter for 18 weeks.

Bow and arrow men will fire in teams of four. Trophies will be awarded scratch and handicap winners.

Archery targets are located at the Oak Ridge Sportsmen's Association in West Oak Ridge, near the Oak Ridge Country Club.

Employees wishing to enter teams in the Archery League should contact the Recreation Office, telephone extension 7109.



Rider wanted from Norwood section to East or Central Portal, straight day. Harold Potter, plant phone 7941, home phone Knoxville 687-2308.

Ride wanted or will join car pool from West Hills vicinity to East or Central Portal, straight day. L. E. Leboy, plant phone 7911, home phone Knoxville 588-8180.

Ride wanted from vicinity of Ball Camp School, to North or East Portal, straight day. E. H. Bell, plant phone 7-8312, home phone 588-7773.

Riders wanted (women preferred — woman driver) from Halls or Powell Sections to Central Portal, straight day. Barbara Davis, plant phone 7-8547, home phone Knoxville 689-1401.



"Situation's normal, Mom. I'm doing my homework and Pop's watching the idiot box."



Y-12 TROPHY TAKERS in the 22-Calibre Rifle League for Carbiders are seen from left, Bert Searles, second place winner; Jack Huff, champion with 117 points; and Al Blay, three spot occupant. The fourth place winner, Carl Brewster, had left before the above photograph was made.

Y-12 22 Riflemen Lose To ORNL Men In Final Shoot-Out For Close Race

Y-12's Jack Huff, Bert Searles, Al Blay, And Carl Brewster Take Marksmanship Highs

After moving up and tying for the past two or three shoot-outs, the Y-12 22-men dropped the hot league race to the Oak Ridge Laboratory riflemen in last week's final match. The Carbide Rifle League, organized for the three plants here, plus an Independent team, finished up business March 14.

ORNL copped scratch and handicap tops in last week's firings. Scratch scores were ORNL: 1138, Y-12: 1129; while handicap targets registered ORNL: 1164.332 and Y-12: 1158.514.

Leading Y-12ers in scratch firing was Jack Huff with 286, followed by Bob Powers with 285. Handicap honors were taken by Phil Vogelgesang Jr. with 291.460 and Powers with 290.156.

ORNL tops in the scratch division saw J. Eldridge with 288, and Bill Brundage with 285. Scratch highs were W. Kelley with 292.420 and Brundage with 290.156.

Y-12 team winners included Jack Huff with 117 points, Bert Searles, 95; Al Blay, 67; and Carl Brewster, 64.

Final league standings follow:

Team	W	L
ORNL	26	7
Y-12	24	9
Independents	16	17
ORGDP	0	33

Berlin Women Started Hydrogen Peroxide Craze

It all started in Berlin. Women began using hydrogen peroxide in that German city in 1873. Since that time the market has remained comparatively small. Today the greatest bleaching outlet for this first cousin to water is the textile industry. About 85 per cent of this country's production of white and dyed cotton goods is hydrogen peroxide.

The chemical industry also uses great amounts of hydrogen peroxide. Still other uses are found in metallurgy, wood and marble bleaching, and in preparing beryllium and magnesium. It was successfully used by Nazi Germany during World War II as a propellant and fuel for their V-2 rockets. These many uses are a far cry from the days in old Berlin when the frauleins decided that "gentlemen prefer blondes."

License Plates Expire On Autos Next Week

Tennessee motorists are advised that 1962 license plates are now on sale at various locations. Deadline for using old plates is midnight, Saturday, March 31. The 1962 plates will be used for three years. The price is the same, however, and yearly date tags will be sold to attach to the plate itself.

Y-12 Eagles Win In Volleyball

Netmen Take 3 From ORNL Radriers

Y-12's Eagles tromped the ORNL Raiders in the Volleyball League for Carbiders last week, racking up three games, 15-6, 15-6, and 15-8.

All games played were clean sweeps. The netmen from ORNL called ORSORT's, trimmed Biology also for three, 15-1, 15-5, and 15-10. The Set-Ups trimmed the Old Men for three, 15-3, 15-5, and 15-8. The Old Men also lost three to ORSORT's 15-11, 15-11, and 15-9.

League standings follow:

Team	W	L
A Shift	15	3
Set-Ups	8	4
Y-12 Eagles	7	5
ORSORT's	6	6
Old Men	6	9
Biology	2	10
Raiders	1	11

Vernal Equinox Heralds The Voice Of The Turtle

Today, March 21 occurs that rare combination of the miracles of nature . . . known as the Vernal Equinox. One of the oldest known observances known to man, it heralds that time of the year when days and nights are equal. More important than that it heralds the advent of Spring. King David said it best when he declared: "For, lo! the winter is past, the rain is over and gone; The flowers appear on the earth; The time of the singing of birds is come, and the voice of the turtle is heard in our land."



"Joe won't be in today, he has the intentional flu."

Rodders Are Hot, Dry Hides Cool

Y-12 Teams Way Down In Standings

Y-12's Rodders got hot last week in the D League for Carbide Bowlers, as they knocked the Guttersnipes down for the full four points. Y-12's other team in the league, the Dry Hides did not fare so well . . . they dropped three points to the Sh Booms, leaders in the league.

Ray Davis, Termites, rolled the high series handicap score with a 662 as well as the high handicap individual game of 242. The Termites also rolled high series handicap games with 2966.

League standings follow:

Team	W	L
Sh Booms	20	8
Kemix	18	10
Beryls	16	12
Alley Rams	16	12
ORINS	16	12
Termites	15 1/2	12 1/2
Rodders (Y-12)	15	13
Pin Heads	15	13
Dry Hides (Y-12)	12	16
Gassers	11	17
Hephex	8	20
Guttersnipes	5 1/2	22 1/2

Rollmasters Drop Three To Head Pins

Y-12's Rollmasters, coasting along in third place in the Wednesday 5:45 League, dropped three points to the ORGDP Head Pins last week, despite Ed Reeder's champion 210 and 247 scores. High series scores were posted by Lynn Hickman, Mix-Ups, with 554 and 653 scratch and handicap scores.

Other action saw the Woodpeckers win three from the Lab Demons, the Wacos take three from the Sandbaggers, the Mix-Ups take four from the Wallops, the Cast Offs take four from the Rookies. Split scores of two each were shared by the Pirates and the Planners.

League standings below:

Team	W	L
Head Pins	69	43
Planners	68 1/2	43 1/2
Rollmasters (Y-12)	63	49
Mix-Ups	62	50
Cast Offs	59 1/2	52 1/2
Sandbaggers	56	56
Lab Demons	55	57
Wallops	54 1/2	47 1/2
Woodpeckers	53 1/2	58 1/2
Pirates	48	64
Wacos	43	69
Rookies	40	72

Out-Of-Staters Like Fishing Here

Nonresident fishermen like Tennessee waters! A recent report from the Game and Fish Commission showed hunting and fishing license sales to out-of-state anglers at all-time high. For the license year of 1960-61, out-of-state fishermen purchased 160,439 nonresident fishing licenses and permits to fish in the Volunteer State. Of the licenses and permits purchased, the three-day permit was the most popular, with a total sale for the season of 113,761 permits. Second in the number of sales was the 10-day permit, with some 33,839 permits sold. Visitors also bought 12,839 annual nonresident fishing licenses.

Trout Fishing Now Open In State

With the trout season open in the state of Tennessee, the Game and Fish Commission have defined the regulations set for fishing this mighty game fish. The daily creel limit has been put at seven trout. In addition to the required state fishing license, all trout fishermen must possess a trout stamp before even attempting to catch one.

Atoms Victors For Last Half

Basketball Champs Yet To Be Named

Only play-off games were played last week in the Carbide Basketball League. To determine winners of the last half of league play, two Y-12 teams "fit" it out as the American Eagles and the Atoms collided. The Atoms took the game 54 to 43, thus become last half titlists.

Jim George, Atoms, came through with his usual high scoring of 26, followed by Brooks' 11. For the Eagles it was J. R. Pugh with 14, John Pridgeon with nine, Ralph Vaughn with eight. The Eagles began to pull up in the last quarter, but it was too late.

First-half of the league was won by the Lab Demons. Oak Ridge Gaseous Diffusion teams clashed as the Lab Demons plastered the Peons, 51 to 45. Leading the victors were Jim McCall, 14; Bill Slattery, 12 and Edd Woy, 11. For the losers the Peons registered with Bob Henderson's 14, Terry Mothershed's 13 and Glennis Harris' six.

The Atoms are now faced with the Lab Demons, to determine league champions. This game is independent of the tournament started this week. This tournament will be a double elimination contest to determine this special championship.

Carbide Consumer Elects Wait Vice President

Dwight N. Wait has been appointed vice president in charge of production at Union Carbide Consumer Products Company, it was announced by Arthur C. Bryan, president of this division of Union Carbide Corporation.

Wait joined Union Carbide in 1937 in the works engineering department of National Carbon's Eveready battery organization. He has served in various management capacities for the company — overseas in India and South Africa, and in the United States at the company's plants in Bennington, Vt., and at Fostoria and Cleveland, Ohio. In 1959, he moved to the New York office on a special assignment to the president of National Carbon. Following that he was appointed general manager of Kemet Company, which recently became a department of the Linde Company. Wait is a graduate of Purdue University with a degree of BS in mechanical engineering, received in 1937.

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Improvements Made In Group Insurance And Pension Plans

Effects Only Plant's Salaried Employees

There have been some improvements in the Group Insurance and Pension Plans for Y-12 employees on weekly and monthly salaried rolls.

Under the old provisions of the Pension Plan, an employee could retire at 60 years of age with 30 years or more of Company Service Credit, with benefits based on years of service at retirement and without actuarial reduction of benefits. The new provisions provide that an employee may also retire at 62 years of age with 10 years or more, but less than 30 years of Company Service Credit. In this case, of course, benefits based on service at retirement, would be actuarially reduced because of early retirement.

The Pension Plan also stipulated that benefits cease at the time of death of a retired employee. Now a surviving spouse option may be elected. Upon retirement this would reduce benefit payments, but would provide a surviving spouse with 50 per cent of this reduced benefit following the death of an employee after retirement.

The changes went into effect in the Pension Plan January 1, 1962, and are subject to approval by the Internal Revenue Service.

Insurance Changes

A special provision has been added to the Group Life Insurance Plan that will permit retired employees to use that part of the life insurance to which they are entitled in retirement and which is in excess of \$1,250 for meeting major medical expenses.

The amount of Life Insurance available to salaried employees whose rate of annual compensation does not exceed \$6,000 has been increased. Salaried employees whose annual rate of compensation is \$3,000 or less will have \$6,000 of Life Insurance.

The changes in the schedule as well as changes in cost are shown in the attached table.

These changes in the amount of insurance became effective March 1, 1962, and the change in payroll deductions were started this month.



Get well wishes are sent to the following Y-12ers who were patients last week in the Oak Ridge Hospital:

Robert V. Brackney, Property Sales; Joy J. Winslett, Sunflower Shop; Clyde H. Wade, Process Maintenance; C. J. Mitchell, Area Five Maintenance; William L. Harper, Chemistry Development; C. C. Ethridge, General Machine Shop; L. H. Davis, Buildings and Grounds; C. E. Wilkerson, Janitors Department; George Meredith, Product Processing.

ORNL Physics Division Holds Two Seminars

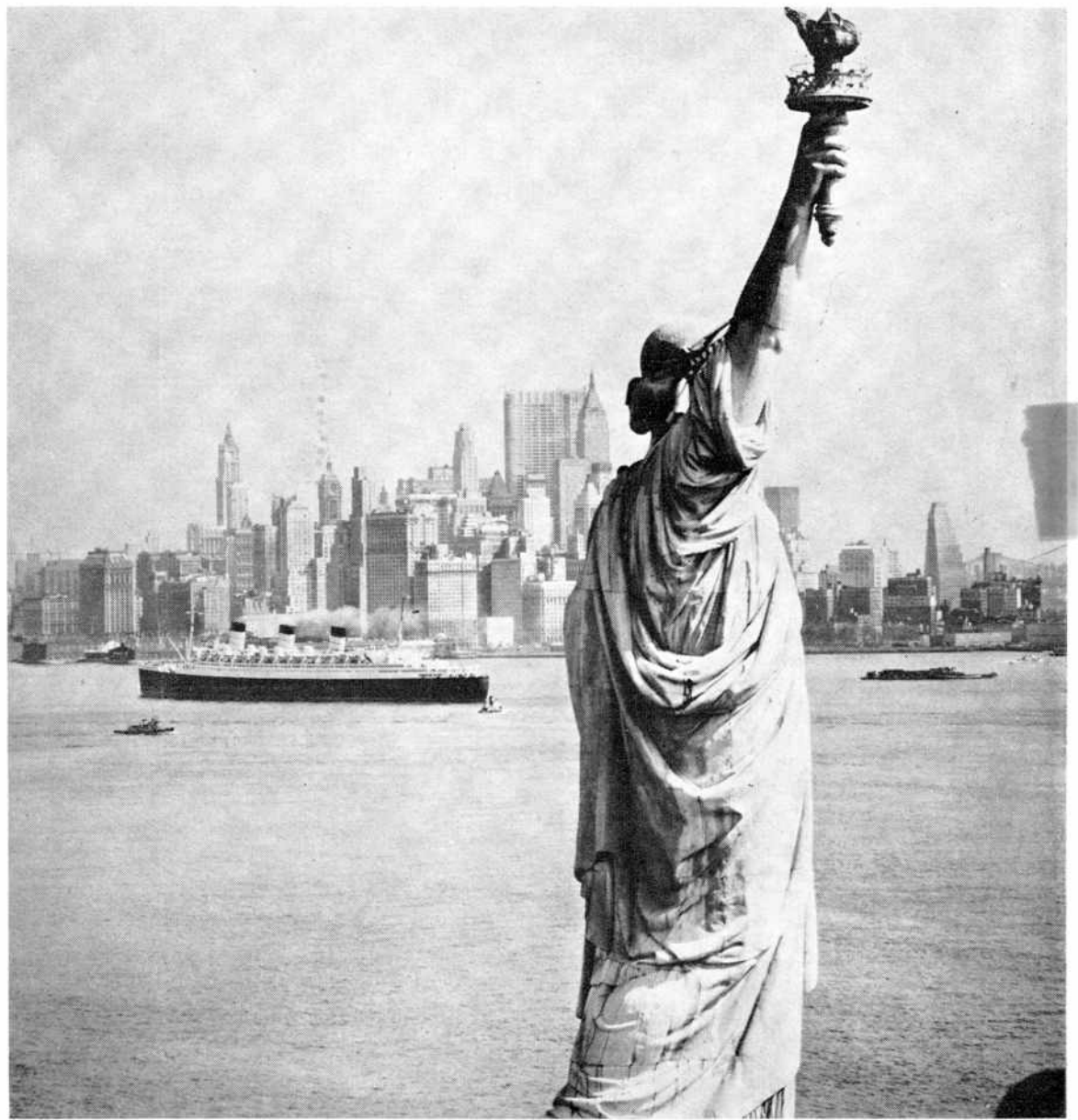
Oak Ridge National Laboratory's Physics Division announces two seminars this week of interest to technical employees. Today, March 21, David Shoenberg, University of Pittsburgh, will hold the seminar on "The Fermi Surfaces of the Noble Metals." This is a joint seminar with the Solid State Division, and will be held in the Central Auditorium of 4500 building at 3:15 p.m.

Thursday's seminar is a joint one also among the Physics Division, Neutron Physics Division and the Electronuclear Division. "Physics Research Using the Swimming Pool Reactor at Munich, Germany," is the announced subject. Holding the meeting will be H. Maier-Leibnitz, Director, Laboratorium für Technische Physik der Technischen Hochschule München, Munich, Germany. This seminar is in the East Auditorium of Building 4500 and will be held at 10 a.m. Thursday, March 22.

All technical personnel are invited to these seminars.

YOUNG LIKED WIDE STREETS

Streets in Salt Lake City are 132 feet wide. Brigham Young requested that the intersections be left wide enough for 16 head of oxen, a covered wagon and trailer to make a "U" turn so they would not have to back up.



A LITTLE KNOWN VIEW of the famous Statue of Liberty, as she lifts her torch near the entrance to New York's world-renowned port. New York is an ideal place for a summer vacation. The world's greatest city for sight-seeing also boasts 20,000 restaurants catering to every taste.

New York Vacation During Summertime Offers Festivals, Carnivals, And Usual Gotham Sights

For vacationers who are tiring of the beaches and the mountains, there's nothing like New York, in the summer or winter.

Summertime visitors to Gotham this year will really get an eye-full. The sports news of the year will be the launching of New York's new National League baseball team, the Mets, who will be playing their first season at the Polo Grounds.

A spectacular Aqua Carnival will make its debut at the New York Coliseum on June 28. Aquatic clowns, swimming ballerinas, diving exhibitions and lavish production numbers will be among the features of the show which will run through September 3.

Central Park Nearby

It's only a few steps from the Coliseum to Central Park, site of the new Lehman Children's Zoo to which adults are not admitted unless accompanied by a child. Another innovation is New York's famous 'front yard' in the new Shakespeare Festival Theatre, built at the edge of a lake, where visitors can see free performances of the Bard's works by one of the most distinguished Shakespeare

groups in the country. This festival begins June 19.

Summertime is a good time for theatre going on or off Broadway. Tickets are easier to get and seeing top stars and new plays in this theatre capital of the world will surely enhance any visit to the big city.

World's Largest Theatre

Movie-going can really be an adventure in New York. In a single week, a visitor can choose from 200 different feature films at cinemas around town, including the first run houses where many major new movies are premiered. At Radio City Music Hall, the largest theatre in the world, visitors can see a spectacular stage show in addition to an important new film.

One of New York's greatest summer attractions is Freedomland, the world's largest outdoor family entertainment center. This opens May 26. Built in the shape of a giant map of the United States, it includes some 40 rides and other attractions themed to major places and events in American history.

New York's Summer Festival Calendar will include at least a dozen different series of outdoor plays, operas, concerts, dances and similar events in parks and amphitheatres around town.

Biggest Attractions

New York's biggest attractions, according to the Convention and Visitors Bureau, are the Empire State Building, Rockefeller Center, The Statue of Liberty, Times Square and the United Nations. Add to these the treasures of New York's great museums, its many historic sights, the quaint

neighborhoods such as Chinatown and Greenwich Village, the seaside playgrounds of Coney Island and Rockaway, and it is easily seen why the big town is the world's greatest vacation bargain.

Y-12ers would, of course, wish also to visit Union Carbide's building on Park Avenue. This latest sky-scraper addition to New York's horizon is really something to write home about.

Japanese are now claiming Tokyo to be the largest city in the world. But the Far Easterners will never be able to claim that there's as much to do and see in Tokyo as there is in New York, the world's most fabulous city.

Union Carbide

Continued From Page 1
the total sales in 1961. The plastics group contributed approximately 20 per cent; the metals group, 17 per cent; the industrial gases group, 16 per cent; and the electrodes, carbons, and batteries group, 13 per cent.

Net income in 1961, also previously reported, was \$142,298,000, or \$4.73 a share on 30,106,273 shares outstanding. In 1960, net income was \$157,980,000, or \$5.25 a share on 30,102,208 shares outstanding. The consolidated balance sheet showed total assets of \$1,734,316,000, as compared with \$1,712,938,000 in 1960.

It is anticipated that the increasing demands of customers will lead to greater utilization of the corporation's capacity during 1962 and result in improved sales and earnings for the year.

It is each individual's responsibility to use every effort and precaution possible to enforce and safeguard security.

(Similar to the schedule shown on pages 14 and 15 of your Group Insurance Booklet)

PRESENT SCHEDULE								NEW SCHEDULE EFFECTIVE MARCH 1, 1962							
Group	Rate of Annual Compensation	Life Insurance		Weekly S & A Benefit		Cost to Employees		Group	Rate of Annual Compensation	Life Insurance		Weekly S & A Benefit		Cost to Employees	
		T&P* OR Amt.	Mo.	Non-Occ.	Occ.	Wkly.	Mo.			T&P* OR Amt.	Mo.	Non-Occ.	Occ.	Wkly.	Mo.
7	3000.01 to 4000.00	5000	90	40.00	16.00	.96	4.19	7B	3000.01 to 3500.00	7000	126	40	16	1.15	4.99
								8A	3500.01 to 4000.00	8000	144	40	16	1.24	5.40
8	4000.01 to 5000.00	8000	144	40.00	16.00	1.24	5.40	8B	4000.01 to 4500.00	9000	162	40	16	1.33	5.80
								8C	4500.01 to 5000.00	10000	180	40	16	1.43	6.20
9	5000.01 to 6000.00	11000	198	40.00	16.00	1.52	6.61	9A	5000.01 to 5500.00	11000	198	40	16	1.52	6.61
								9B	5500.01 to 6000.00	12000	216	40	16	1.61	7.01
10	6000.01 to 7000.00	14000	252	40.00	16.00	1.80	7.81	10	6000.01 to 7000.00	14000	252	40	16	1.80	7.81

*Amount shown is Total and Permanent Disability benefit paid in 60 monthly installments.